# CUSTOM RATES SURVEY

## TILLAGE OPERATIONS

## 1988

Alberta
AGRICULTURE
STATISTICS BRANCH
427-4011

89-01501/

## PREFACE

The Custom Rate Survey is conducted for Alberta Agriculture as a cooperative effort involving the Department Statistics Branch, Farm Business Management Branch and Unifarm.

The data presented in this report was obtained by contacting custom operators and dealers and thus represent actual charges. Please note that some instances may be GNR (Good Neighbor Rates) as opposed to CR (Commercial Rates). The reader should be aware that varying conditions in different areas of the province can significantly affect the rates charged.

The intent of the survey is to provide producers with additional information to help with their farm management decisions. The quality of data is dependent on the cooperation received by producers as well as commercial custom operators. We would like to thank all those who were so willing in helping to provide information. If you are involved in any custom operations and have not been contacted but wish to contribute please call the following numbers or contact your local District Agriculturist.

Alberta Agriculture
Statistics Branch
Edmonton, Alberta
403-427-4011

Alberta Agriculture
Farm Business Management Branch
Olds, Alberta
403-556-8421

LEGEND

● Regional Offices

Region 1 - Lethbridge
2 - Airdrie
3 - Red Deer
4 - Vermilion
5 - Barrhead
6 - Fairview

★ Edmonton
Calgary

## TILLAGE OPERATIONS 1988

| REGION | COUNTY | CUSTOM COST | OPERATION | EQUIPMENT | RATE | LAND TYPE | NOTES |
|---|---|---|---|---|---|---|---|
| 1 | MD1 | $6/AC | D | IH 4568 4WD 300HP TRACTOR, 22' EZEE-ON DISC | 14-16AC/HR | C/S | |
| 1 | MD9 | $6/AC | C | CASE 2290 2WD 135HP TRACTOR; 21' GRAHAM HEAVY DUTY CULT | 10AC/HR | P/H | |
| 1 | MD9 | $5.50/AC | C | CASE 2290 2WD 135HP TRACTOR; 25' MORRIS 725 CHISEL PLOW | 10AC/HR | C/S | |
| 1 | MD9 | $6.50/AC | D | CASE 2290 2WD 135HP TRACTOR; 20' JD HEAVY DUTY DISC | 8AC/HR | P/H | |
| 1 | MD9 | $6.50/AC | C | CASE 2290 2WD 135HP TRACTOR; 25' MORRIS 725 CHISEL PLOW | 10AC/HR | C/S | DEEP BANDING |
| 1 | MD26 | $4/AC | C | JD 4640 2WD 160HP TRACTOR; 31' IH DEEP TILLAGE CULT | 16AC/HR | C/S | WITH HARROWS MOUNTED |
| 1 | MD26 | $6/AC | C | JD 4640 2WD 160HP TRACTOR; 24' MELROE CULT W/BANDWAGON | 12AC/HR | C/S | DEEP BANDING |
| 1 | MD26 | $4.50/AC | C | JD 8440 4WD 200HP TRACTOR; 35' VERSATILE CULTIVATOR | 17-20AC/HR | C/S | |
| 1 | MD26 | $4.50/AC | C | JD 8640 4WD 300HP TRACTOR; 47' MORRIS DEEP TILLAGE CULT | 20-23AC/HR | C/S | |
| 1 | MD26 | $3.50/AC | C | JD 4640 2WD 160HP TRACTOR; 24' MELROE CULTIVATOR | 16AC/HR | C/S | |
| 1 | 2 | $6.50/AC | C | CASE 4890 4WD 300HP TRACTOR; 47' TRASKELL CULT W/AIR SEEDER | | C/S | DEEP BANDING |
| 1 | 4 | $30/AC | P | MF 2705 2WD 120HP TRACTOR; (FARMER PROVIDED 4 BOTTOM PLOW) | 3AC/HR | C/S | POTATOES; SANDY LAND |
| 1 | 4 | $4.50/AC | C | STEIGER 4WD 325HP TRACTOR; 60' GEISLER CULTIVATOR | 35AC/HR | C/S | |
| 1 | 26 | $70/HR | C | CASE 4WD 250HP TRACTOR; 35' EDWARDS CULTIVATOR | 15AC/HR | C/S | |
| 1 | 26 | $70/HR | C | CASE 4WD 250HP TRACTOR; 60' JD VIBRASHANK CULTIVATOR | 20AC/HR | C/S | |
| 1 | 26 | 70/HR | P | CASE 4WD 250HP TRACTOR; KVERLAND 7 BOTTOM PLOW | 6AC/HR | C/S | |
| 1 | 26 | $1.50/AC | C | 30' CULTIVATOR W/BANDWAGON (FOR LIQUID FERT) | | C/S | RENTAL ONLY |
| 1 | 26 | $2/AC | C | 31' CULTIVATOR W/BANDICATOR (FOR GRANULAR FERT) | | | RENTAL ONLY |
| 1 | 26 | $70/HR | D | CASE 4WD 250HP TRACTOR; 30' JD DISC | 14AC/HR | C/S | |
| 2 | CALGARY | $4/AC | D | JD 4650 FWD 165HP TRACTOR; 33' JD DISC | | C/S | |
| 2 | CALGARY | $7.50/AC | C | JD 4650 FWD 165HP TRACTOR; 31' JD 1610 CULTIVATOR | 20AC/HR | C/S | DEEP BANDING |
| 2 | CALGARY | $5/AC | C | JD 4650 FWD 165HP TRACTOR; 31' JD 1610 CULTIVATOR | 20AC/HR | C/S | |
| 2 | CALGARY | $2.25/AC | H | JD 4650 FWD TRACTOR; 70' HARROWS | | C/S | |
| 2 | CALGARY | $20/AC | P | JD 4650 FWD 165HP TRACTOR; JD 6 BOTTOM PLOW | 5-10AC/HR | P/H | |
| 2 | MD31 | $8/AC | C | IH 2+2 4WD 150HP TRACTOR; 31' MORRIS CHISEL PLOW | 12AC/HR | C/S | CULT W/SEEDING |
| 2 | MD31 | $6/AC | C | IH 2+2 4WD 150HP TRACTOR; 31' MORRIS CHISEL PLOW | 12AC/HR | C/S | |
| 2 | MD31 | $4.25/AC | C | MF 4840 4WD 215HP TRACTOR; 30' WHITE CULTIVATOR | 14-15AC/HR | C/S | |

CUSTOM COSTS ARE BASED ON 1 PASS, UNLESS OTHERWISE STATED, HOWEVER IN SEVERAL INSTANCES MORE THAN 1 PASS IS REQUIRED.

## TILLAGE OPERATIONS 1988

| REGION | COUNTY | CUSTOM COST | OPERATION | EQUIPMENT | RATE | LAND TYPE | NOTES |
|---|---|---|---|---|---|---|---|
| 2 | MD31 | $3.25/AC | H | WHITE 2155 2WD 155HP TRACTOR; 50' FLEXICOIL HARROW/PACKERS | 20AC/HR | C/S | WITH PACKERS |
| 2 | MD44 | $50/HR | H | JD 4640 2WD 160HP TRACTOR; 110' SUMMERS HARROWS | 45-50AC/HR | C/S | |
| 2 | MD44 | $65/HR | C | JD 4640 2WD 160HP TRACTOR; 32' JD CULTIVATOR | 20-25AC/HR | C/S | |
| 2 | MD44 | $25/AC | P | CASE 4WD 220HP TRACTOR; WHITE 12' 7 BOTTOM PLOW | | P/H | |
| 2 | MD44 | $7/AC | C | CASE 4WD 220HP TRACTOR; 39' CCIL CULTIVATOR | | C/S | OR P/H |
| 2 | MD44 | $65/HR | D | JD 4640 2WD 160HP TRACTOR; 30' CASE DISC | 20-25AC/HR | C/S | |
| 2 | MD44 | $18/AC | P | VERSATILE 800 4WD 250HP TRACTOR; JD 6 BOTTOM MOLDBOARD PLOW | | P/H | |
| 2 | MD44 | $7/AC | D | CASE 4WD 220HP TRACTOR; 26' JD 335 DISC | | | |
| 2 | 16 | $5.50/AC | C | JD 7520 4WD 200HP TRACTOR; 28' JD CULTIVATOR W/AIR SEEDER | 9AC/HR | C/S | SECOND SPRING |
| 2 | 16 | $3.50/AC | D | JD 7520 4WD 200HP TRACTOR; 20' STEIGER OFFSET DISC | | C/S | |
| 2 | 16 | $3/AC | C | JD 7520 4WD 200HP TRACTOR; 28' JD CULTIVATOR W/AIR SEEDER | 9AC/HR | C/S | THIRD SPRING |
| 2 | 16 | $7.50/AC | C | JD 7520 4WD 200HP TRACTOR; 28' JD CULTIVATOR W/AIR SEEDER | 9AC/HR | C/S | FIRST SPRING WITH FERTILIZER |
| 2 | 16 | $10/AC | D | JD 7520 4WD 200HP TRACTOR; 20' STEIGER OFFSET DISC | | P/H | FIRST PASS ON PASTURE/HAYLAND |
| 2 | 17 | $5.85/AC | D | JD 8450 4WD 225HP TRACTOR; 25' HUTCHMASTER DISC | 12AC/HR | C/S | |
| 2 | 17 | $3.75/AC | C | JD 8450 4WD 225HP TRACTOR; 35' FRIGSTAD CULTIVATOR | 16AC/HR | C/S | |
| 2 | 17 | $23/AC | P | JD 8450 4WD 225HP TRACTOR; KVERLAND 7 BOTTOM PLOW | 3AC/HR | P/H | |
| 2 | 17 | $6.25/AC | D | JD 8450 4WD 225HP TRACTOR; 25' HUTCHMASTER DISC | 10AC/HR | P/H | FIRST PASS |
| 2 | 17 | $5.85/AC | D | JD 8450 4WD 225HP TRACTOR; 25' HUTCHMASTER DISC | 12AC/HR | P/H | SECOND PASS |
| 2 | 17 | $1.75/AC | H | JD 8450 4WD 225HP TRACTOR; 50' ALLIED SPRING HARROWS | 36AC/HR | C/S | |
| 3 | 6 | $5.50/AC | C | JD 4440 2WD 150HP TRACTOR; 24' JD CULTIVATOR W/AIR SEEDER | | C/S | CULTIVATE W/BANDING |
| 3 | 6 | $2.50/AC | H | JD 4440 2WD 150HP TRACTOR; 50' MORRIS PACKERS | | C/S | PACKING |
| 3 | 10 | $68/HR | P | JD 8440 4WD 185HP TRACTOR; JD PLOW - 6BOTTOM 18" SPACING | 4.5-5AC/HR | P/H | |
| 3 | 10 | $72/HR | C | JD 8440 4WD 185HP TRACTOR; 30' MORRIS CHISEL PLOW | 12AC/HR | P/H | |
| 3 | 10 | $80/HR | D | JD 8440 4WD 185HP TRACTOR; 27' JD 330 DISC | 14AC/HR | P/H | |
| 3 | 14 | $6.50/AC | C | AC 8550 4WD 250HP TRACTOR; 40' CONCORD CULTIVATOR | 15AC/HR | C/S | DEEP BANDING |
| 3 | 14 | $2.50/AC | H | IH 186 2WD 105HP TRACTOR; 50' HARROWS | | C/S | |
| 3 | 14 | $6.50/AC | D | IH 186 2WD 105HP TRACTOR; 14' DISC | | C/S | |
| 3 | 14 | $7.50/AC | C | AC 8550 4WD 250HP TRACTOR; 40' CONCORD CULTIVATOR | 15AC/HR | C/S | DEEP BANDING W/HERBICIDES |

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| 3 | 14 | $5/AC | D | AC 8550 4WD 250HP TRACTOR; 25' KELLO DISC | 15AC/HR | C/S | |
| 3 | 14 | $5/AC | C | AC 8550 4WD 250HP TRACTOR; 40' CONCORD CULTIVATOR | 20AC/HR | C/S | |
| 3 | 14 | $6.50/AC | C | IH 186 2WD 105HP TRACTOR; 14' OR 20' CULTIVATOR | | C/S | |
| 3 | 23 | $4/AC | D | 16' KELLO 275 HEAVY DUTY DISC | 3-4AC/HR | C/S | RENTAL ONLY |
| 4 | MD61 | $4.75/AC | C | JD 8450 4WD TRACTOR; 60' COOP CULTIVATOR | 20-25AC/HR | C/S | W/TREFLAN |
| 4 | 19 | $7/AC | C | JD 4450 2WD 140HP TRACTOR; 24' JD 655 CULTIVATOR | 12AC/HR | C/S | DEEP BANDING |
| 4 | 19 | $6/AC | C | CASE 4890 4WD 300HP TRACTOR; 47' MORRIS DEEP TILLAGE CULT | 20AC/HR | C/S | W/HARROWS MOUNTED |
| 4 | 19 | $10/AC | D | CASE 4890 4WD 300HP TRACTOR; 31' EZEE-ON DISC (24" BLADES) | 8AC/HR | P/H | |
| 5 | MD90 | $6/AC | C | CASE IH 1066 2WD 125HP TRACTOR; 14' CCIL CULTIVATOR | 7AC/HR | C/S | |
| 5 | 20 | $5.50/AC | C | JD 8640 4WD 275HP TRACTOR; 32' BOURGAULT CULT W/AIR SEEDER | 16AC/HR | C/S | CULTIVATING W/SEEDING |
| 5 | 20 | $4/AC | C | CASE IH 9150 4WD 280HP TRACTOR; 36' BOURGAULT CHISEL PLOW | 20AC/HR | C/S | |
| 5 | 20 | $4.75/AC | C | JD 8640 4WD 275HP TRACTOR; 32' BOURGAULT CULTIVATOR | 18AC/HR | C/S | |
| 5 | 20 | $1.75/AC | H | CASE 2094 2WD 110HP TRACTOR; 70' INLAND HARROWS | 30AC/HR | C/S | |
| 5 | 20 | $8.50/AC | C | JD 8640 4WD 275HP TRACTOR; 32' BOURGAULT CULTIVATOR | 13AC/HR | C/S | DUAL BANDING W/CHEMICALS |
| 5 | 20 | $6/AC | D | JD 8640 4WD 275HP TRACTOR; 32' AC DISC | 20AC/HR | C/S | |
| 5 | 20 | $7/AC | C | JD 8640 4WD 275HP TRACTOR; 32' BOURGAULT CULTIVATOR | 13AC/HR | C/S | DUAL BANDING |
| 5 | 20 | $1.80/AC | H | JD 8640 4WD 275HP TRACTOR; 60' FLEXICOIL TYNE HARROWS | 40AC/HR | C/S | |
| 5 | 20 | $4.50/AC | C | CASE 4694 4WD 220HP TRACTOR; 31' MORRIS CHISEL PLOW | 13AC/HR | C/S | |
| 5 | 20 | $4.25/AC | C | JD 4440 2WD 125HP TRACTOR; 24' CASE IH CULTIVATOR | | C/S | |
| 5 | 25 | $75/HR | D | CASE IH 4690 4WD 250HP TRACTOR; 30' DISC | 8AC/HR | P/H | |
| 5 | 25 | $75/HR | C | CASE IH 4690 4WD 250HP TRACTOR; 40' CULTIVATOR | 8AC/HR | P/H | |
| 5 | 25 | $75/HR | P | CASE IH 4690 4WD 250HP TRACTOR; CASE IH 7BOTTOM BY 18" PLOW | 5AC/HR | P/H | |
| 5 | 31 | $100/HR | D | AC 305 4WD 300HP TRACTOR; 33' DISC | 20AC/HR | C/S | |
| 5 | 31 | $100/HR | C | AC 305 4WD 300HP TRACTOR; 40' CULTIVATOR | 30AC/HR | C/S | |
| 6 | ID16 | $5/AC | C | DUETZ DX160 2WD 145HP TRACTOR; 32' IH VIBRACHISEL CULTIVATOR | 15AC/HR | C/S | |

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|---|---|---|---|---|---|---|---|
| 6 | ID17 | $10/AC | D | JD 8850 4WD 370HP TRACTOR; 28' KELLO BREAKING DISC | | P/H | |
| 6 | MD136 | $6/AC | D | IH 9170 4WD 335HP TRACTOR; 28' IH DISC | 12AC/HR | C/S | |
| 6 | MD136 | $7.50/AC | C | CASE IH 4WD 335HP TRACTOR; 38' JD DEEP TILLAGE CULTIVATOR | 5AC/HR | C/S | |
| 6 | 1 | $2.25/AC | H | CASE 2WD TRACTOR; 27' HARROWS | | C/S | |
| 6 | 1 | $5.50/AC | C | CASE 4WD TRACTOR; 20' CULTIVATOR | | C/S | |
| 6 | 1 | $6/AC | D | CASE 4WD TRACTOR; 14' DISC | | C/S | |

### LEGEND

| OPERATION | EQUIPMENT | LAND-TYPE |
|---|---|---|
| C-CULTIVATING | AC-ALLIS CHALMERS | P/H-PASTURE/HAYLAND |
| D-DISCING | IH-INTERNATIONAL | C/S-CROPLAND/SUMMERFALLOW |
| P=PLOWING | JD-JOHN DEER | |
| H-HARROWING | MF-MASSEY FERGUSON | AC-ACRE |
| R-ROTOTILLING | | HR-HOUR |

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